



Title: DATA STRUCTURE AND METHOD FOR PIPELINE HEAP-SORTING
Application No. 09/727,534 Filing Date: November 28, 2000 Inventors: NADJ et al.
Replacement Sheet

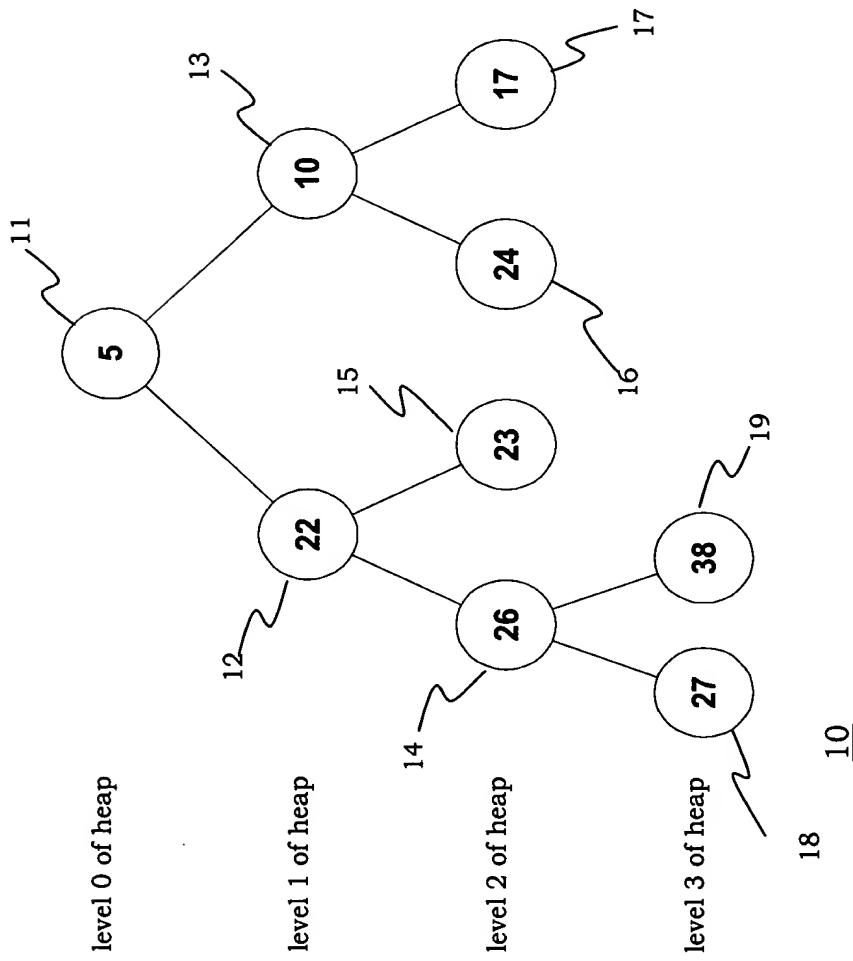


FIGURE 1
(Prior Art)

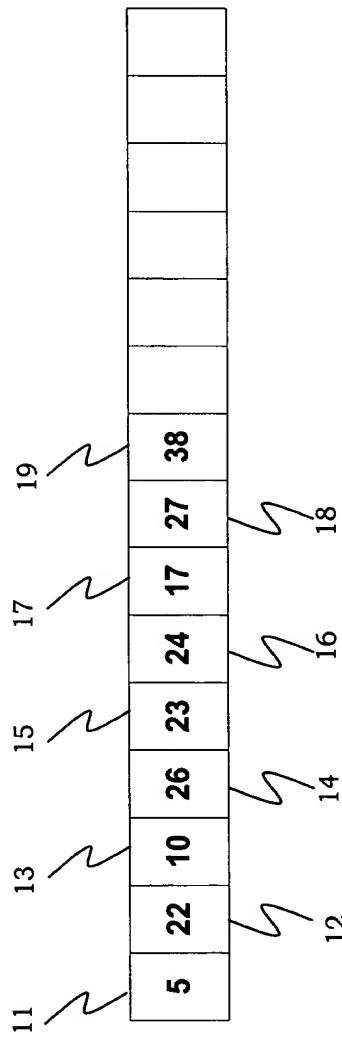


FIGURE 2
(Prior Art)

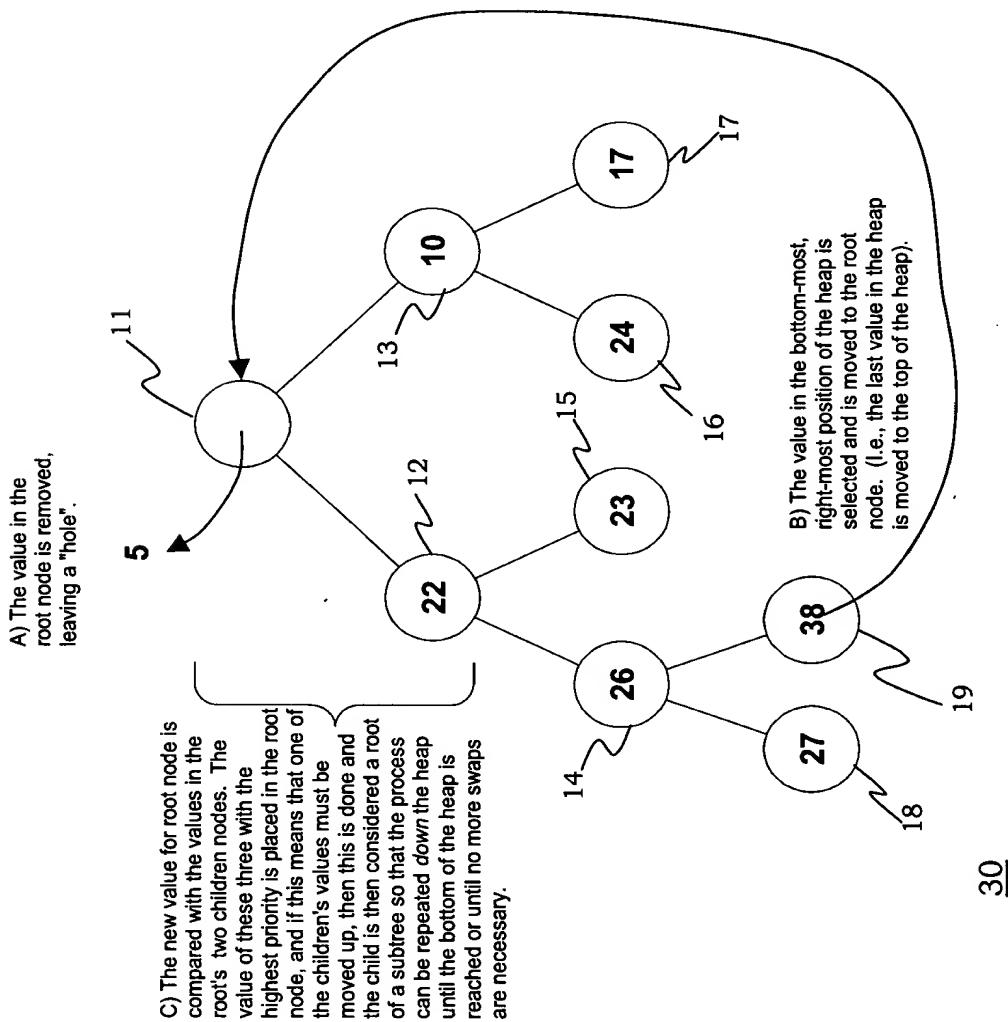


FIGURE 3
(Prior Art)

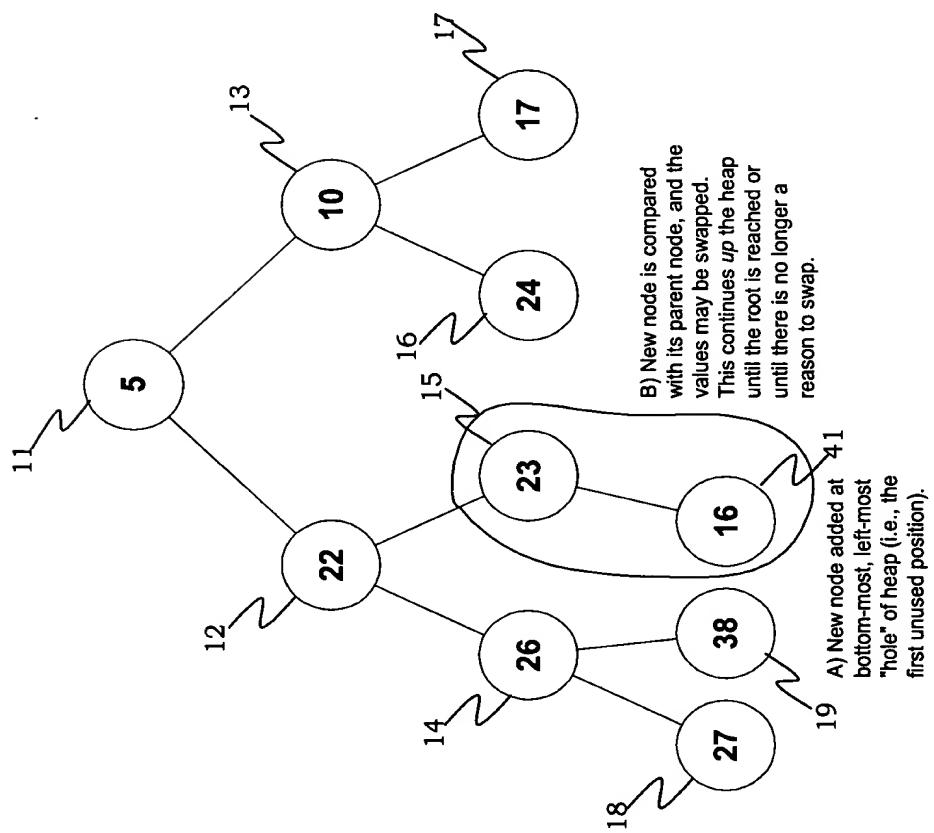


FIGURE 4
(Prior Art)

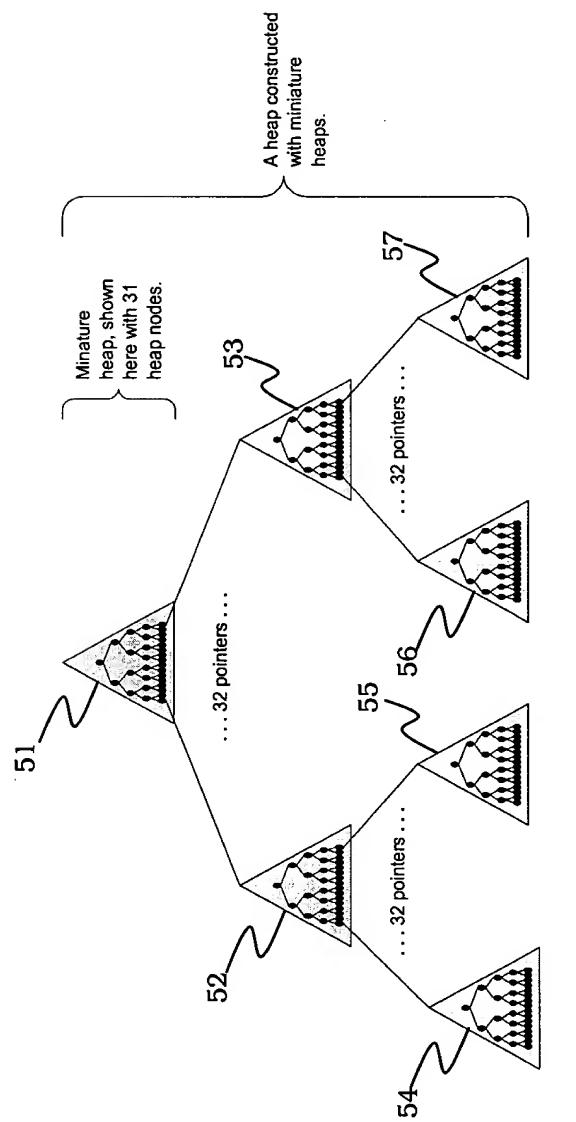


FIGURE 5

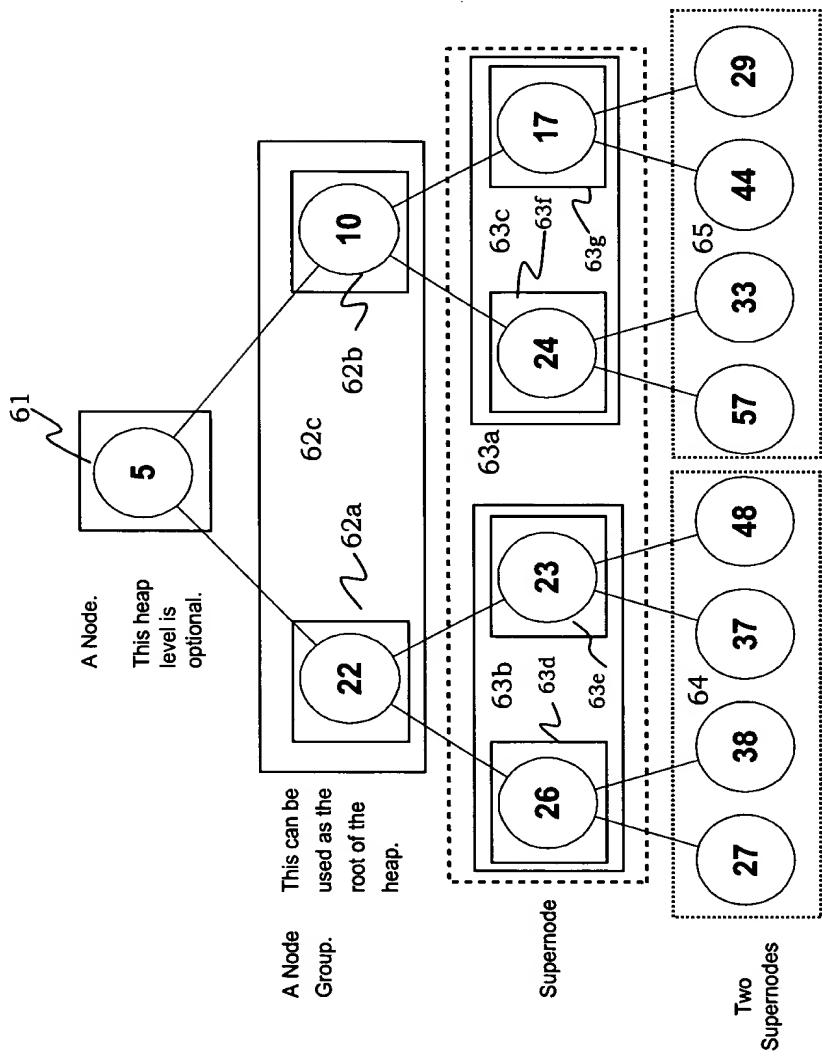


FIGURE 6

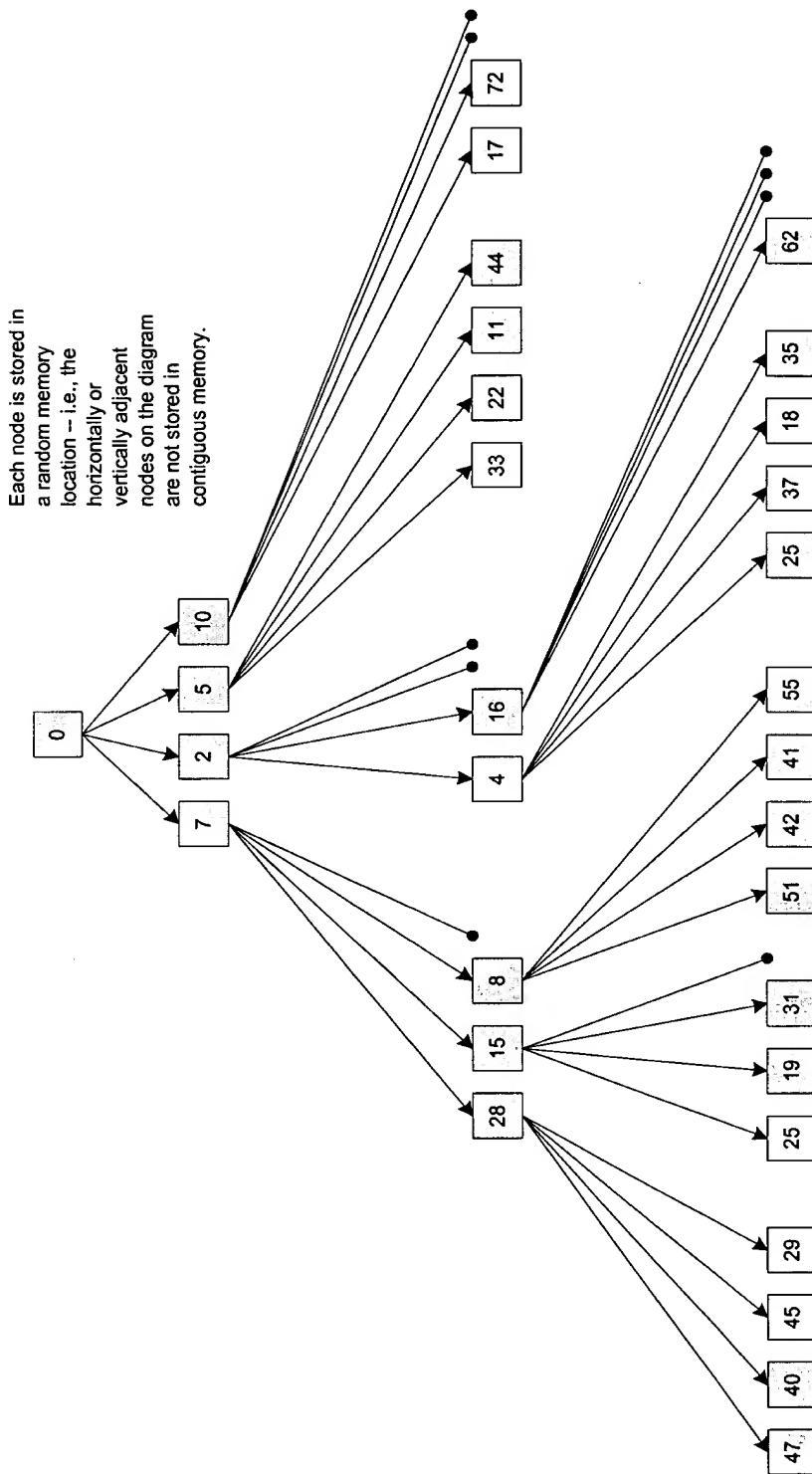


FIGURE 7

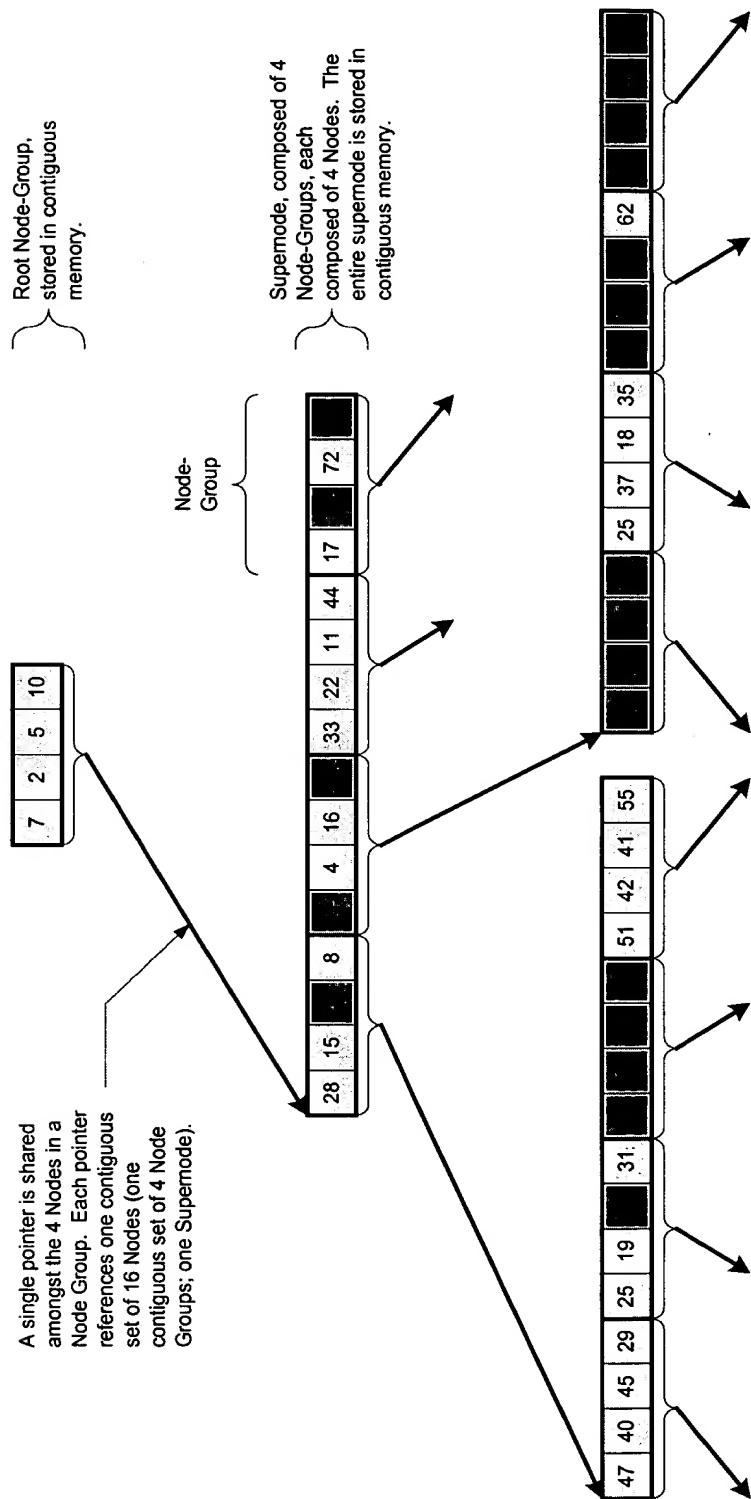


FIGURE 8

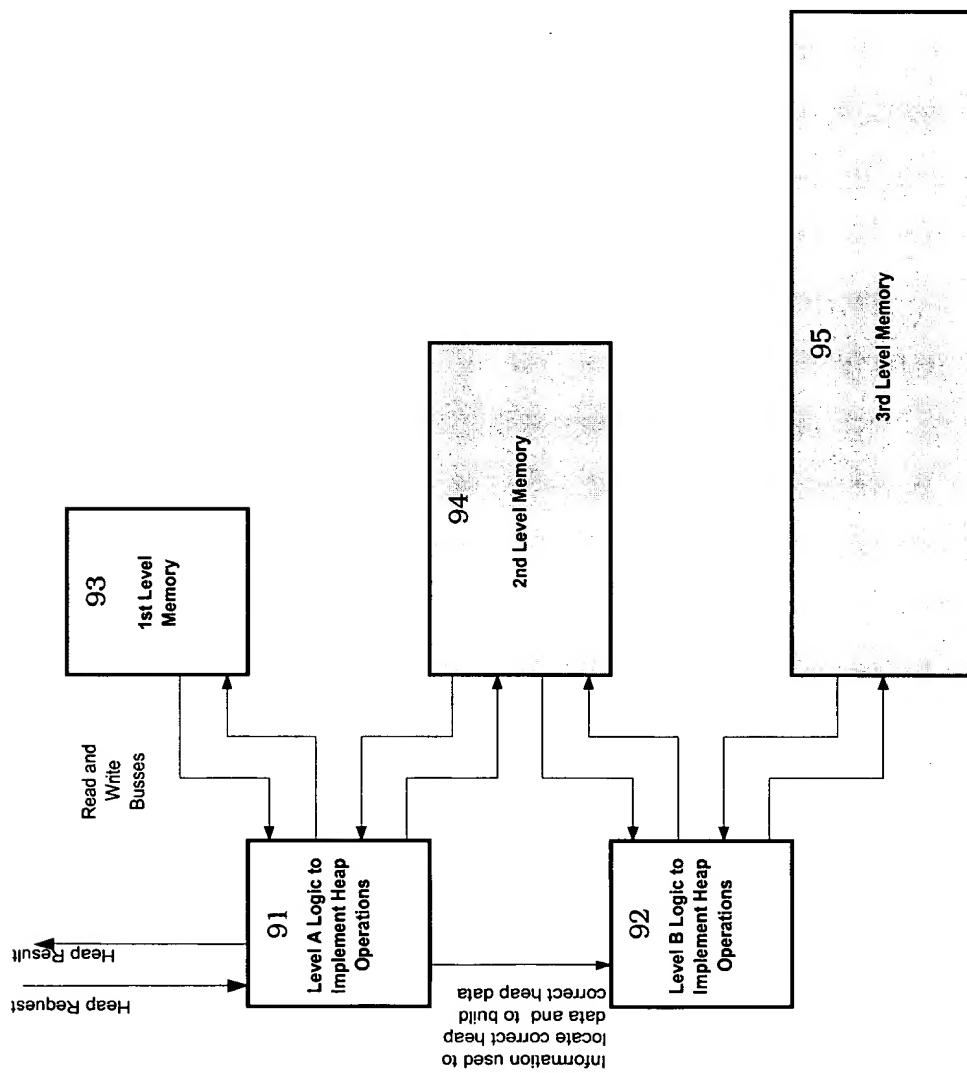


FIGURE 9

	time →																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Read Level 1 RAM	A				B													
Write Level 1 RAM				A														
Level A Comparisons		A	A					B	B									
Read Level 2 RAM		A				B												
Write Level 2 RAM				A														
Level B Comparisons		A	A				B											
Read Level 3 RAM			A				B											
Write Level 3 RAM					A				A									
Level C Comparisons				A	A					B								
Read Level 4 RAM					A					B								
Write Level 4 RAM						A				A								

FIGURE 10

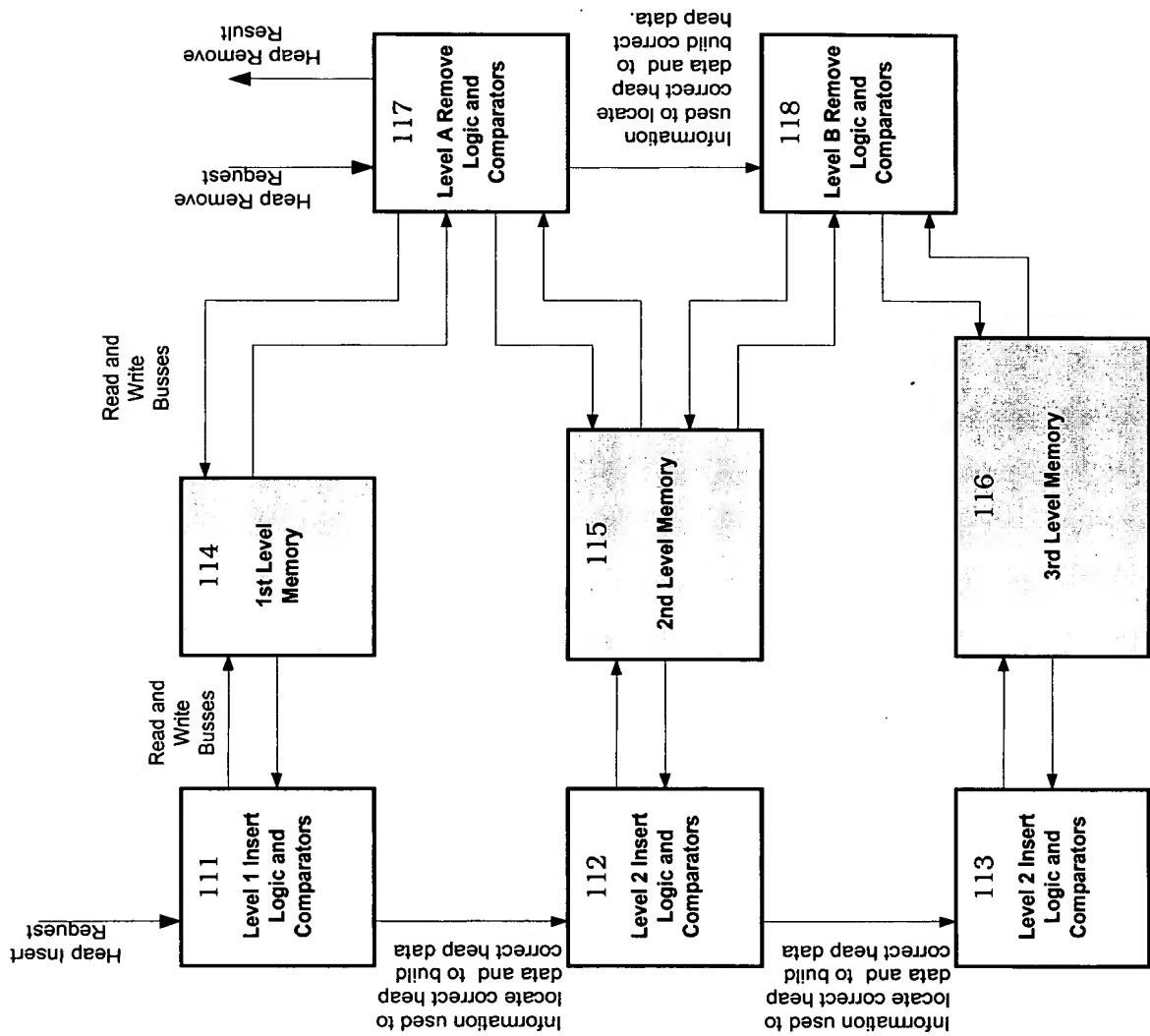


FIGURE 11

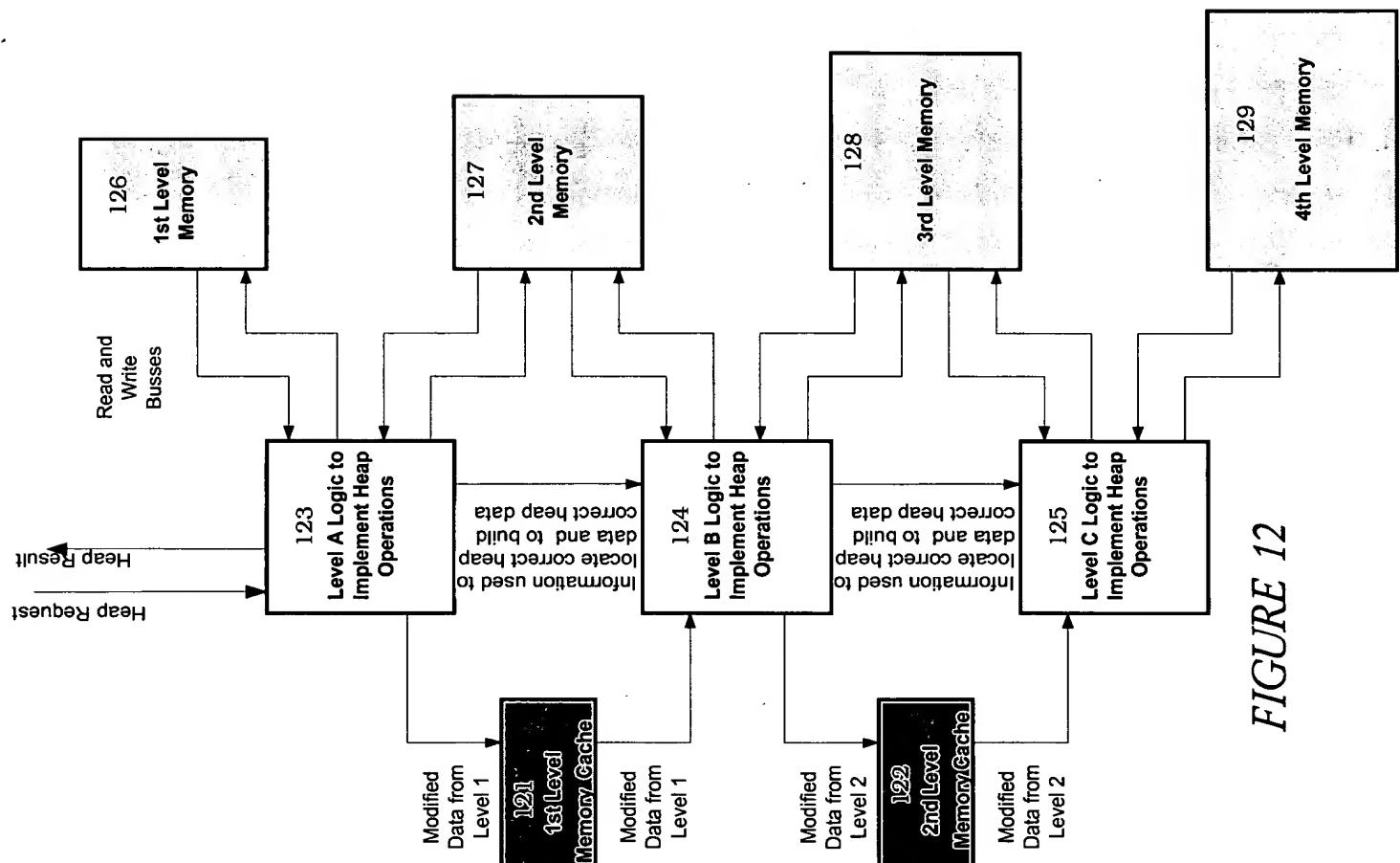


FIGURE 12

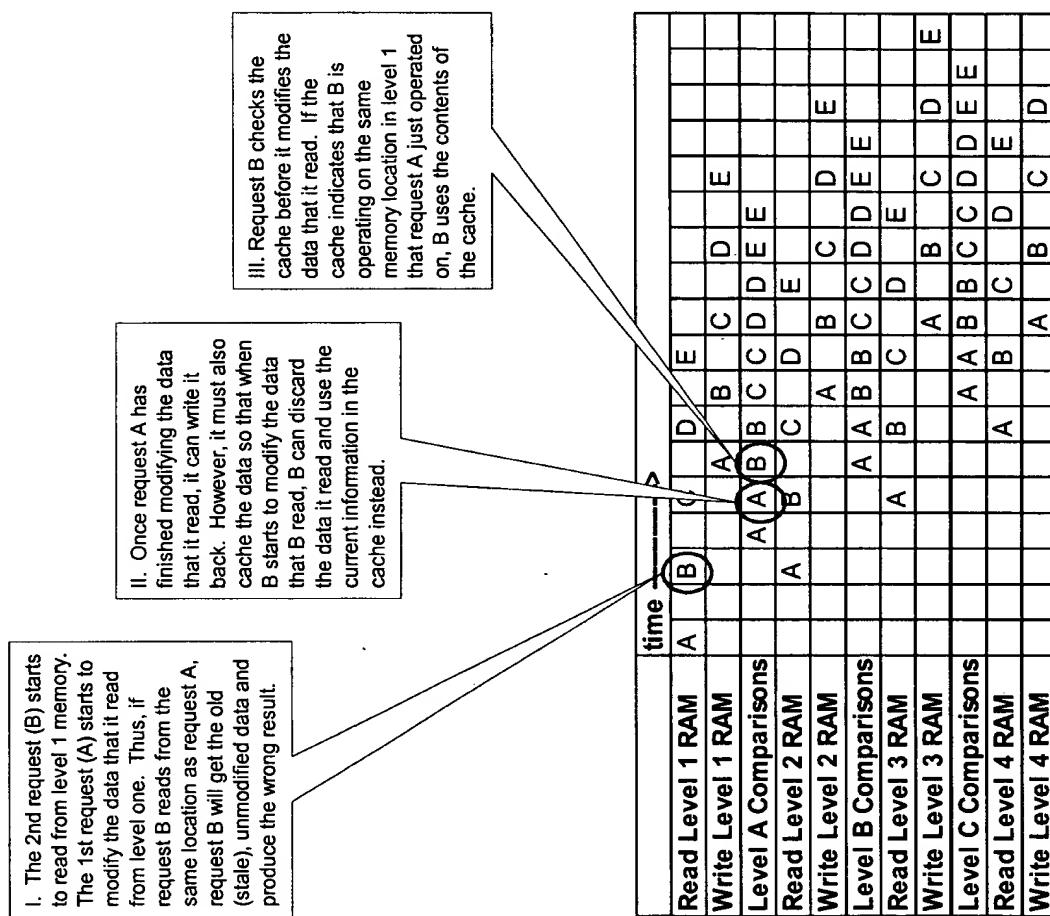


FIGURE 13